Page lables XV6 Runs on SV39 RUC PT - 4096 byle 2/2. RISY page lable u logically on Conteat Switch happens during I to ox Interrupt it door it It Times interrupt, give up cpu if (dev==2) - yield it is times interrupt. yield > poroc c and took takes everent process stat Saves it & serumes et lager save all register callee register na return address sp -> stack point process is sunning, cfu wants to switch
to another process then....
there will be a times interrupt
call yield () in trape la turne a RUNNING Procent

Ton Marin proce.

The call sched

The call sched MARCE double check all conditions cattle switch to switch the swtch ( Bp -> content, bealle it is an assembly code moves is called etc il just tates a new contest & an old & save old context registers and load from new. NEOW. 50, 22, 0(00) CPO. noona ld 20 0(a1) ld (8P) 8(9,)

· Scheduler - paocic each CPU calls scheduler abler setting up, It is never ending. teep interrupt ON for (p=proc i p L & proc [NPRoc] i s++
acquire (&p -> lock) Uthreads.c in thread-init (which is called first)
we initialise all-thread[0] with
RUNNINGE state & current-thread;
Lall-threads[0], than gentral goes to create thread. then schedule. "we make thread RUNNAULA then schedule." In schedule. t = current- 1 thread + 1 & all-thread[1] yst gfa for (i = MAX-THREADS) if (+>= all threads + MAX-THREAD) t= all Chreat if (+ - State = RUNAIABLE) Ment-thread et; Il here we get our next Runnelle y breat t= 41;

